S/N: 10/729,102 Reply to Office Action of December 7, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 20. (Cancelled).

- 21. (New) A process for preparing an organopolysiloxane composition, comprising mixing components:
- (a) essentially linear organopolysiloxanes which are terminated at both ends by Si-bonded hydroxy groups,
- (b) optionally, plasticizers,
- (c) at least one chain extender of the formula (I),

$$R^{1}_{2}NCR^{6}_{2}SiR^{1}(OR^{2})_{2}$$
 (I)

and/or partial hydrolysates thereof, where

- R¹ are identical or different and are each a monovalent, substituted or unsubstituted hydrocarbon radical,
- R² are identical or different and are each a monovalent, substituted or unsubstituted hydrocarbon radical and
- R⁶ are identical or different and are each hydrogen or a monovalent, substituted or unsubstituted hydrocarbon radical,
- (d) at least one organic isocyanate deactivator,
- (e) optionally, one or more silanes of the formula (II)

$$R^3Si(OR^4)_3$$
 (II)

and/or their partial hydrolysates, where

- R^3 is as defined for R^1 ,
- R^4 are identical or different and are each a monovalent, substituted or unsubstituted hydrocarbon radical or a $-C(=O)-R^5$ or $-N=CR_2^5$ radical and
- R⁵ are identical or different and each have one of the meanings given for R², and
- optionally, catalyst(s) for accelerating the reaction of silane (e) with Si-OH groups, and allowing components to react,

wherein, in a first step, dihydroxy-terminated organopolysiloxanes (a) are mixed with any plasticizer (b) used and reacted with silanes (c) of the formula (I) and/or their partial hydrolysates, and after a reaction time, in a second step, at least one deactivator (d) is added, and optionally, in a third step, Si-OH groups still present are reacted by addition of silane(s) (e) of the formula (II) and/or their partial hydrolysates, and optionally, catalyst (f).

- 22. (NEW) The process of claim 21, wherein said Si-OH groups still present are completely reacted with said silane(s) (e).
- 23. (NEW) The process of claim 21, wherein said isocyanate deactivator is present in less than a stoichiometric amount based on all -OH group-containing compounds in the composition.
- 24. (NEW) The process of claim 21, wherein the concentration of said isocyanate deactivator, based on the weight of the composition less any filler present, is from 0.018% by weight to 0.2% by weight.
- 25. (NEW) The process of claim 21, further comprising adding an aminoalkylsilane adhesion promoter.
- 26. (NEW) A composition which is crosslinkable by means of condensation reactions, comprising at least one organopolysiloxane composition
 - (A) prepared by reaction of components comprising:

(I)

S/N: 10/729,102

Reply to Office Action of December 7, 2005

- (a) essentially linear organopolysiloxanes terminated at both ends by Si-bonded hydroxy groups,
- (b) optionally, plasticizers,
- (c) at least one chain extender of the formula

$R_2^1NCR_2^6SiR_1^1(OR_2^2)_2$

and/or partial hydrolysates thereof, where

- R¹ are identical or different and are each a monovalent, substituted or unsubstituted hydrocarbon radical,
- R² are identical or different and are each a monovalent, substituted or unsubstituted hydrocarbon radical and
- R⁶ are identical or different and are each hydrogen or a monovalent, substituted or unsubstituted hydrocarbon radical,
- (d) one or more organic isocyanate deactivators,
- (e) optionally, one or more silanes of the formula

$$R^3Si(OR^4)_3$$
 (II)

and/or their partial hydrolysates, where

- R^3 is as defined for R^1 ,
- R^4 are identical or different and are each a monovalent, substituted or unsubstituted hydrocarbon radical or a $-C(=O)-R^5$ or $-N=CR^5$ radical and
- R⁵ are identical or different and each have one of the meanings given for R², and
- (f) optionally, catalysts for accelerating the reaction of silane (e) with Si-OH groups

and further comprising:

(B) optionally, one or more crosslinkers having at least three Si-O bonded hydrolyzable radicals,

S/N: 10/729,102

Reply to Office Action of December 7, 2005

- (C) at least one condensation catalyst, and
- (D) at least one filler.
- 27. (NEW) The composition of claim 26, wherein said isocyanate deactivator is present in less than a stoichiometric amount based on all -OH group-containing compounds in the composition.
- 28. (NEW) The composition of claim 26, wherein the concentration of said isocyanate deactivator, based on the weight of the composition less any filler present, is from 0.018% by weight to 0.2% by weight.
- 29. (NEW) The composition of claim 21, further comprising adding an aminoalkylsilane adhesion promoter.
- 30. (NEW) An organopolysiloxane composition prepared by reaction of components comprising:
- (a) essentially linear organopolysiloxanes terminated at both ends by Si-bonded hydroxy groups,
- (b) optionally, plasticizers,
- (c) at least one chain extender of the formula

$$R_{2}^{1}NCR_{2}^{6}SiR^{1}(OR^{2})_{2}$$
 (I)

and/or partial hydrolysates thereof, where

- R¹ are identical or different and are each a monovalent, substituted or unsubstituted hydrocarbon radical,
- R² are identical or different and are each a monovalent, substituted or unsubstituted hydrocarbon radical and
- R⁶ are identical or different and are each hydrogen or a monovalent, substituted or unsubstituted hydrocarbon radical,

(II)

S/N: 10/729,102

Reply to Office Action of December 7, 2005

- (d) one or more organic isocyanate deactivators,
- (e) optionally, one or more silanes of the formula

 $R^3Si(OR^4)_3$

and/or their partial hydrolysates, where

- R^3 is as defined for R^1 ,
- R^4 are identical or different and are each a monovalent, substituted or unsubstituted hydrocarbon radical or a $-C(=O)-R^5$ or $-N=CR_2^5$ radical and
- R⁵ are identical or different and each have one of the meanings given for R², and
- (f) optionally, catalysts for accelerating the reaction of silane (e) with Si-OH groups,

wherein said chain extender (c) is present in an amount such that the mol ratio of Si-OH groups of (a) to -OR² groups of (c) is greater than or equal to 1.

- 31. (NEW) The composition of claim 30, wherein the amount of deactivator (d) employed is from 70 mol percent to 150 mol percent based on mols of chain extender (c).
- 32. (NEW) The composition of claim 21, further comprising adding an aminoalkylsilane adhesion promoter.
- 33. (NEW) An organopolysiloxane composition prepared by reaction of components comprising:
- (a) essentially linear organopolysiloxanes terminated at both ends by Si-bonded hydroxy groups,
- (b) optionally, plasticizers,
- (c) at least one chain extender of the formula

 $R_{2}^{1}NCR_{2}^{6}SiR^{1}(OR^{2})_{2}$ (I)

S/N: 10/729,102

Reply to Office Action of December 7, 2005

and/or partial hydrolysates thereof, where

- R¹ are identical or different and are each a monovalent, substituted or unsubstituted hydrocarbon radical,
- R² are identical or different and are each a monovalent, substituted or unsubstituted hydrocarbon radical and
- R⁶ are identical or different and are each hydrogen or a monovalent, substituted or unsubstituted hydrocarbon radical,
- (d) one or more organic isocyanate deactivators,
- (e) optionally, one or more silanes of the formula

$$R^3Si(OR^4)_3$$
 (II)

and/or their partial hydrolysates, where

- R^3 is as defined for R^1 ,
- R^4 are identical or different and are each a monovalent, substituted or unsubstituted hydrocarbon radical or a $-C(=O)-R^5$ or $-N=CR_2^5$ radical and
- R⁵ are identical or different and each have one of the meanings given for R², and
- (f) optionally, catalysts for accelerating the reaction of silane (e) with Si-OH groups,

further comprising at least one stabilizer compound selected from the group consisting of acid phosphoric esters, phosphonic acids, and acid phosphonic esters.

- 34. (NEW) The composition of claim 33, wherein said stabilizer is present in an amount of from 0.01 weight percent to 1 weight percent based on the weight of organopolysiloxanes (a).
- 35. (NEW) The process of claim 33, wherein said isocyanate deactivator is present in less than a stoichiometric amount based on all -OH group-containing compounds in the composition.

S/N: 10/729,102

Reply to Office Action of December 7, 2005

- 36. (NEW) The process of claim 33, wherein the concentration of said isocyanate deactivator, based on the weight of the composition less any filler present, is from 0.018% by weight to 0.2% by weight.
- 37. (NEW) An organopolysiloxane composition prepared by reaction of components comprising:
- (a) essentially linear organopolysiloxanes terminated at both ends by Si-bonded hydroxy groups,
- (b) optionally, plasticizers,
- (c) at least one chain extender of the formula

$$R_2^1NCR_2^6SiR^1(OR^2)_2 (I)$$

and/or partial hydrolysates thereof, where

- R¹ are identical or different and are each a monovalent, substituted or unsubstituted hydrocarbon radical,
- R² are identical or different and are each a monovalent, substituted or unsubstituted hydrocarbon radical and
- R⁶ are identical or different and are each hydrogen or a monovalent, substituted or unsubstituted hydrocarbon radical,
- (d) one or more organic isocyanate deactivators,
- (e) optionally, one or more silanes of the formula

$$R^3Si(OR^4)_3$$
 (II)

and/or their partial hydrolysates, where

- R^3 is as defined for R^1 ,
- R^4 are identical or different and are each a monovalent, substituted or unsubstituted hydrocarbon radical or a $-C(=O)-R^5$ or $-N=CR_2^5$ radical and
- R⁵ are identical or different and each have one of the meanings given for R², and

Atty Dkt No. WAS 0613 PUS / Wa 10265-S

S/N: 10/729,102

Reply to Office Action of December 7, 2005

(f) optionally, catalysts for accelerating the reaction of silane (e) with Si-OH groups, further comprising from 0.01 weight percent to 1 weight percent of octylphosphonic acid relative to the weight of organopolysiloxanes (a).

- 38. (NEW) The process of claim 37, wherein said isocyanate deactivator is present in less than a stoichiometric amount based on all -OH group-containing compounds in the composition.
- 39. (NEW) The process of claim 37, wherein the concentration of said isocyanate deactivator, based on the weight of the composition less any filler present, is from 0.018% by weight to 0.2% by weight.